

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH
(A Deemed to be University)

Time : 180 Minutes

Max Marks : 80 Marks

MBBS Phase I Supplementary Examination October 2024

QP CODE: C1011

Your answer should be specific to the question asked

Draw neat labelled diagrams wherever necessary

Long Essay

10 × 2 = 20 Marks

1. Describe larynx under the following headings a) extent b) cartilages & joints c) muscles acting d) nerve supply (1+3+4 +2)
2. Describe cerebellum under the following headings a) gross features b) nuclei c) blood supply d) Connections e) applied aspects (3+2+2+1+2)

Short Essay

5 × 12 = 60 Marks

3. Describe portal system with examples
4. Describe the origin, relations, branches and applied aspect of Brachial Artery
5. Describe the attachments, nerve supply and actions of Triceps brachii
6. Describe the anatomical features and clinical significance of the cubital fossa.
Discuss
the structures passing through this region and their roles in elbow movements and vascular access.
7. Describe the internal features of ventricles of Heart
8. Discuss the Azygous system of veins
9. Mention the folds of Duramater. Describe the Tentorium cerebelli in detail.
10. Describe the components and functions of Waldeyer's lymphatic ring.
11. A 10 yr old boy is brought to the hospital with bleeding from the nasal cavity. His mother gives history of the boy was having the habit of nose picking frequently.
 - a) Mention the cause and location of bleeding in the above clinical condition. (2)
 - b) Substantiate the anatomical basis for origin of bleeding in the above clinical condition. (2)
 - c) Mention any one immediate treatment plan in the above clinical condition. (1)
12. List various methods of prenatal diagnosis with their application.
13. Illustrate the microscopic structure of Elastic cartilage .
14. Describe the pleural recesses and their applied anatomy.

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Anatomy Paper II

QP CODE: C1012

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Long Essay

10 × 2 = 20 Marks

1. Describe Stomach under the following headings a) Location & Parts b) Relations c) Blood and Nerve supply d) Lymphatic drainage. (2+3+3+2)
2. Describe Femoral triangle under the following headings a) Boundaries b) Contents c) Applied aspects (3+4+3)

Short Essay

5 × 12 = 60 Marks

3. Mention the boundaries of hepatorenal pouch and its clinical significance.
4. A 11-week-old infant was admitted to hospital with a swelling in the left groin Extending down to the upper part of scrotum. When he cries the swelling enlarges. On Examination swelling is reducible.
 - a. Mention the above clinical condition with probable cause [2]
 - b. Mention the types of the above conditions [3]
5. Summarize the boundaries & contents of superficial perineal pouch
6. A woman few days after child birth complains of painful swelling in her peri anal region.
 - a. Name the fossa related to anal canal (1)
 - b. Describe the boundaries and spaces of the above fossa (3)
 - c. List the contents of the above fossa (1)
7. Describe the ligaments of uterus with their clinical significance.
8. Describe the movements of knee joint with muscle involvement .
9. A patient was brought to the casualty following Road Traffic Accident with pain and swelling on the lateral side of leg. X-ray reveals fracture of neck of fibula. On examination left foot assumed a plantar flexed position (Foot drop).
 - a. Name the nerve most likely injured. (1)
 - b. Mention the muscles supplied by the nerve (2)
 - c. Mention the course of the nerve (2)
10. Describe the microscopic anatomy of Appendix
11. Describe the fate of endodermal cloaca.
12. Mention the genotype and clinical features of Down's syndrome.
13. Describe lobes of prostate and add a note on its applied anatomy.
14. Describe the role of cadaver as the first teacher